

heated mold under pressure, the improvement comprising:

selecting, as a cure catalyst composition,

a) a catalyst component containing t-amylperoxybenzoate in major part relative to the total weight of the catalyst component, said catalyst component present in an amount effective to cure said sheet molding compound in said heated mold, and

b) an amount of a polymerization inhibitor composition effective to substantially prevent cure of said sheet molding composition at room temperature.

15. A compression molded SMC door skin or molded part, comprised of the cured reaction product of an SMC composition containing a cure catalyst comprising t-amylperoxybenzoate in major part, said cure catalyst present in an amount effective to cure said SMC composition in less than one minute at 150°C.